

[54] INTRAOCULAR LENS STRUCTURE

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[58] Field of Search 3/13

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[57] ABSTRACT

Presented in several different aspects of the invention is a posterior chamber artificial lens structure adapted for implantation in the human eye. The lens structure includes an assembly comprised of a centrally disposed lens having an optically transparent portion through which light may be transmitted. The centrally disposed optically transparent lens portion is integral with an annular peripheral mounting portion the inner periphery of which is defined by the anchored ends of a plurality of separate support loops spaced circumferentially about the optically transparent lens portion. The outer periphery of the annular peripheral mounting portion is defined by an equatorial surface or edge disposed between the anterior and posterior surfaces of the lens. The separate lens support structures are preferably at least five in number and spaced circumferentially about the lens so that there is a substantially even distribution of separate support forces tending to retain the lens assembly properly positioned and supported on and by the iris in a zone surrounding the pupillary opening.

17 Claims, 14 Drawing Figures

